USFS Gypsy Moth Suppression Project Summary 2003

Maryland Department of Agriculture (Cooperative)

Proposed Acres: 15,001 (5,700 ac. Btk; 9,301 ac. DFB)
Treated Acres 14,053 (5,646 ac. Btk; 8,406 ac DFB)

Project Objectives:
1. Foliage protection (defoliation less than or equal to 30% on 90% of foliage).
2. Population reduction so that treatment will not be required in 2004 with DFB

Contractor(s): Helicopter Applicators
Provine Helicopters

Aircraft: Ayers Thrush
Bell 206B
OH-58

Formulation(s):
- Foray 76B 0.4 gal/ac @ 36 BIU/ac
- Foray 48F 0.5 gal/ac @ 24 BIU/ac
- Thuricide 48LV 0.5 gal/ac @ 24 BIU/ac

Cost/acre (including application):
- Helicopter Applications (project 120) $9.10 ac Foray 48F @ 24/BIU
- Helicopter Applicators (project 120) $6.10 ac Dimilin
- Helicopter Applicators (project 123) $14.87 ac Foray 76B @ 34 BIU/ac metro areas
- Provine Helicopters (project 121) $20.29 ac Dimilin
- Provine Helicopters (project 121) $20.72 ac Thuricide 48LV
- Provine Helicopters (project 122) $34.64 ac Foray 76B @ 24 BIU/ac metro areas

Federal Share: $750,000
State Share: $878,772

Percent Acres Treated:
- Federal 0
- State 26
- Private 74

Percent Acres Treated Successfully:
1. 100%
2. 98%

Number of Landowners Treated: 0
Number of Communities Treated: 0

Defoliated Area: 5,141 (112 acres in the treatment blocks)
Acres to be Retreated: 243